Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for the resolution of a racemic mixture of the enantiomers of 2-hydroxylmethyl-5-(5-fluorocytosin-1-yl)-1,3-oxathiolane (FTC), which has the structure

comprising the steps of:

(i) providing the mixture of the enantiomers as an 5'-O-acylated derivative of the structure

wherein R is an acyl group;

(ii) exposing the racemic mixture 5'-O-acylated derivative of 2-hydroxylmethyl-5-(5-fluorocytosin-1-yl)-1,3-oxathiolane to an enzyme selected from the group consisting of Amano

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PS-800 lipase and α-chymotrypsin under conditions that allow selective hydrolysis of the 5'-O-acyl group; and

(iii) separating the 5'-O-hydrolyzed enantiomer from the 5'-O-unhydrolyzed enantiomer.

- 2-45. (Cancelled)
- 46. (Previously Presented) The method according to claim 1, wherein the enzyme is Amano PS-800.
- 47. (Previously Presented) The method according to claim 1, wherein the enzyme is α -chymotrypsin.
- 48. (New) The method of claim 1, wherein R is a residue of an alkyl carboxylic acid selected from the group consisting of acetic acid, propionic acid, butyric acid and pentanoic acid.
- 49. (New) The method of claim 1, wherein R is a residue of a halo-substituted alkyl carboxylic acid selected from the group consisting of 2-chloropropionic acid, 2-chlorobutyric acid and 2-chloropentanoic acid.